

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 22700-730		SERIAL NO. Not Yet Assigned			
		APPLICANT Santasiero et al.					
		FILING DATE 12/21/01		GROUP Unassigned			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
Y6	4,833,233	5-23-89	Carter	530	363	8-20-87	
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	4,263,010	4-21-81	Randolph	23	230 A	10-31-79	
	4,668,584	5-26-87	Uzgiris et al.	428	408	12-23-85	
	4,755,363	7-5-88	Fujita et al.	422	245	10-29-86	
	4,886,646	12-12-89	Carter et al.	422	245	3-23-88	
	4,919,899	4-24-90	Herrmann et al.	422	245	2-29-88	
	5,078,975	1-7-92	Rhodes et al.	422	253	12-18-90	
	5,096,676	3-17-92	McPherson et al.	422	245	8-2-90	
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	5,221,410	6-22-93	Kushner et al.	156	600	10-9-91	
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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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	0 553 539 A1	04/08/93	Europe	C30B	7/00	<input type="checkbox"/>	<input type="checkbox"/>
EXAMINER <i>Melen Hgh</i>			DATE CONSIDERED 12/09/01				

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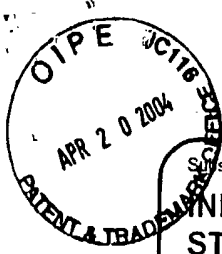
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/026,362
(use as many sheets as necessary)		Filing Date	December 21, 2001
		First Named Inventor	Bernard Santarsiero et al.
		Group Art Unit	1754
		Examiner Name	Maribel Medina
		Attorney Docket Number	2960.54-3
Sheet	1	of	8

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Examiner Initials *	Cite No. ¹	Document Number	Publication Date/ Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
Not relevant	AA	US- 4,900,147	02-13-1990	Bowley et al.	
	AB	US- 4,909,933	03-20-1990	Carter et al.	
	AC	US- 5,009,861	04-23-1991	Plass-Link	
	AD	US- 5,013,531	05-07-1991	Snyder et al.	
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	AF	US- 5,106,592	04-21-1992	Stapelmann et al.	
	AG	US- 6,124,036	06-23-1992	Wallner et al.	
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	BJ	US- 2002/0106318A1	08-08-2002	DeLucas et al.	
	BK	US- 2002/0144738A1	10-10-2002	Unger et al.	
	BL	US- 2002/0164812A1	11-07-2002	DeLucas	

Examiner Signature	<i>Yeller Galt</i>	Date Considered	12/10/04
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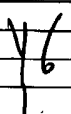
¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
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		Group Art Unit	1754
		Examiner Name	Maribel Medina
		Attorney Docket Number	2960.54-3
Sheet	2	of	8

Y6	BM	US- 2002/0169512A1	11-14-2002	Stewart	
	BN	US- 2003/0022383A1	01-30-2003	DeLucas	
	BO	US- 2003/0022384A1	01-30-2003	DeLucas	
	BP	US- 2003/0027348A1	02-06-2003	DeLucas et al.	
	BQ	US- 2003/0027997A1	02-06-2003	Bray et al.	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
	BV	WO 99/04361 A1		01-28-1999	Gester et al.		
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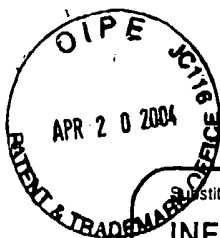
Examiner Signature	<i>John Hale</i>	Date Considered	12/10/04
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3 of 8

Complete if Known

Application Number	10/026,362
Filing Date	December 21, 2001
First Named Inventor	Bernard Santarsiero et al.
Group Art Unit	1754
Examiner Name	Maribel Medina
Attorney Docket Number	2960.54-3

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date/ Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Y6	AAA	ABOLA, ENRIQUE et al., "Automation of X-ray crystallography", Nature Structural Biology, Structural Genomics Supplement, (11/2000), pp. 973-977.	
	AAB	Presentation: "PBD/Research/Research Areas/ AUTOMATION" (2/28/02), http://www.lbl.gov/LBL-Programs/pbd/xl_research/automation.html 4 pages.	
	AAC	CHAYEN, NAOMI E., "Tackling the bottleneck of protein crystallization in the post-genomic era", TRENDS in Biotechnology, Vol. 20, No. 3 (3/2002), 1 page.	
	AAD	CHAYEN, NAOMI E., "The role of oil in macromolecular crystallization". Structure, Vol. 5, No. 10 (1997), pp. 1269-1274.	
	AAE	CHAYEN, NAOMI E. et al., "Apocrustacyanin A1 from the lobster carotenoprotein α -crustacyanin: crystallization and initial X-ray analysis involving softer X-rays, Acta Cryst. D56 (2000), pp. 1064-1066.	
	AAF	CHAYEN, N.E. et al., "Porous Silicon: an Effective Nucleation-inducing Material for Protein Crystallization", J. Mol. Biol., Academic Press, 312 (2001), pp. 591-595.	
	AAG	CHAYEN, NAOMI E. et al., "Protein crystallization for genomics: towards high-throughput optimization techniques", Acta Cryst. D58 (2002), pp. 921-927.	
	AAH	CHAYEN, N.E. et al., "Trends and Challenges in Experimental Macromolecular Crystallography", Quarterly Review of Biophysics, 29, 3 (1996), pp. 227-278.	
	AAI	CHAYEN, NAOMI E. et al., "Purification, crystallization and initial X-ray analysis of the C ₁ subunit of the astaxanthin protein, V ₆₀₀ , of the chondrophore <i>Velella velella</i> ", Acta Cryst. D55, (1999), pp. 266-268.	

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Sheet 4 of 8

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Filing Date	December 21, 2001
First Named Inventor	Bernard Santarsiero et al.
Group Art Unit	1754
Examiner Name	Maribel Medina
Attorney Docket Number	2960.54-3

46	AAJ	CHAYEN, NAOMI E. et al., "Space-grown crystals may prove their worth", Nature 398, 20 (1999), p. 6722.
	AAK	CIANCI, M. et al., "Structure of lobster apocrustacyanin A ₁ using softer X-rays", Acta Cryst. D57 (2001), pp. 1219-1229.
	AAL	Press Release: "Crystallomics Core", Crystallomics Core at JCSG, http://bioinfo-core.icsq.org/bic/links/crystallomics.htm (4/18/01), 2 pages.
	AAM	DELUCAS, LAWRENCE J. et al., "New High-throughput Crystallization Technology", http://www.hwi.buffalo.edu/ACA/ACA02/abstracts/text/E0014.html (2002), 1 page.
	AAN	DONG, JUN et al., "Bound-solvent structures for microgravity-, ground control-, gel- and microbatch-grown hen egg-white lysozyme crystals at 1.8 Å resolution", Acta Cryst., D55 (1999), pp. 745-752.
	AAO	DOUGLAS INSTRUMENTS Proposal: Large-scale Xn "The use of Microbatch for Large Scale Crystallization Projects", http://douglas.co.uk/proposal.htm (2/22/01), 6 pages.
	AAP	DOUGLAS INSTRUMENTS Website: "Differences - The Major Differences between Oryx 6 and IMPAX 1-5 (3/2001), 1 page.
	AAQ	DOUGLAS INSTRUMENTS Website: "Harvesting - Harvesting Crystals from Microbatch for Cryocrystallography", Research Report 3 (October 1995), 4 pages.
	AAR	DOUGLAS INSTRUMENTS, "Impax - IMPAX 1-5 for Crystallization with Microbatch, www.douglas.co.uk/impax.htm (printed on 2/19/04), 8 pages.
	AAS	DOUGLAS INSTRUMENTS Website: "Oryx 6 for Crystallization with Microbatch and Sitting Drop", http://douglas.co.uk/oryx.htm (printed on 2/19/04), 7 pages.
	AAT	EICKHOFF, HOLGER et al. Webpage: "An Automated Platform for Miniaturized Protein Crystallization" (2002), Greiner Bio-One (Abstract), 1 page.
	AAU	ERLANDSEN, HEIDI et al. "Combining structural genomics and enzymology: completing the picture in metabolic pathways and enzyme active sites"(2000), Current Opinion Structural Biology, 10, pp. 719-730.
	AAV	FIEHN, HENDRIK et al., "Microsystem Technology for Pipetting Systems: Parallel Sample Treatment in the Submicroliter Range (25)". Small Talk the microfluidics and microarrays Conference Final Conference Program, Association for Laboratory Automation, (7/8-12/2000), San Diego, California (Abstract), 2 pages.
	AAW	GAASTERLAND, TERRY, "Feasibility of Structural Genomics and Impact on Computational Biology: Post-Workshop Review", Mathematics and Computer Science Division, Argonne National Laboratory (1/26/1998), 7 pages.
	AAX	Website: "General Interest II - Invited Abstracts", printed from http://www.hwi.buffalo.edu/ACA/ACA01/abstracts (7/26/01), 2 pages.
	AAZ	GOODWILL, KENNETH E., et al., "High-throughput x-ray crystallography for structure-based drug design", DDT Vol. 6, No. 15 (Suppl.) (2001), pp. S113-S118.

Examiner
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Yellu Hah

Date
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Sheet 5 of 8

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Application Number	10/026,362
Filing Date	December 21, 2001
First Named Inventor	Bernard Santarsiero et al.
Group Art Unit	1754
Examiner Name	Maribel Medina
Attorney Docket Number	2960.54-3

46	AAZ	Website: "A recipe to grow crystals of lysozyme by the gel acupuncture technique: Granada Crystallization Box", http://lec.ugr.es/GranadaCrystBox/GCB (4/11/02), 7 pages.	
	ABA	HEINEMANN, UDO et al., "The Berlin "Protein Structure Factory" Initiative", Scientific Concepts, http://www.rzpd.de/psf/s_concept2.html (12/21/01), 16 pages.	
	ABB	Press Release: "High-throughput protein crystallization screening and polymorph screening", (Abstract) http://www.steinbeis-europa.de/db/irnet_details.php?BEREICH=LIFE&TYP=Offer&BB (5/7/01), 2 pages.	
	ABC	HOSFIELD, DAVID et al., "A fully integrated protein crystallization platform for small-molecule drug discovery" (2003), Journal of Structural Biology, 142, pp. 207-217.	
	ABD	JING, HUA et al., "New structural motifs on the chymotrypsin fold and their potential roles in complement factor B", Euro. Mol. Bio. Org., Vol. 19, No. 2 (2000), pp. 164-173.	
	ABE	JING, HUA et al., "Structures of Native and Complexed Complement Factor D: Implications of the Atypical His57 Conformation and Self-inhibitory Loop in the Regulation of Specific Serine Protease Activity", J. Mol. Biol. 282 (1998), pp. 1061-1081.	
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	ABG	Press Release: "Joint Center For Structural Genomics Funded to Advance High-Throughput Protein Structure Determination", http://www.sdsc.edu/Press/00/092600.html (9/25/00), 3 pages.	
	ABH	JONES, RONALD et al., "Fully Automated Preparation of Hanging Drop Protein Crystallization Plates, Abstract from ACA01 meeting, http://www.hwi.buffalo.edu/ACA/ACA01/abstracts/text/W0352.html (2001), 1 page.	
	ABI	JURISICA, I. et al., "High Throughput Macromolecular Crystallization: An Application of Case-Based Reasoning and Data Mining", Methods in Macromolecular Crystallography, IOS Press (2001), pp. 9-14.	
	ABJ	KAM, Z. et al., "On the Crystallization of Proteins", J. Mol. Biol. 123 (1978), pp. 539-555.	
	ABK	KOLTAY, PETER, "A Novel Fixed Volume Dispenser for the Massive Parallel Liquid Handling of Nanoliter Volumes", Abstract for Presentation, http://www.eurolabautomation.org (10/25/01), 2 pages.	
	ABL	KUHN, PETER et al., "The genesis of high-throughput structure-based drug discovery using protein crystallography" (2002), Curr. Opin. Chem. Biol., 6, 704 - 710.	
	ABM	LESLEY, SCOTT A. et al., "Structural genomics of the Thermotoga maritima proteome implemented in a high-throughput structure determination pipeline" (2002), Proc. Natl. Acad. Sci., 99, 11664 - 11669.	
	ABN	LOWE, JAN. et al., "Capital Equipment MRC Laboratory of Molecular Biology" (11/4/01), 4 pages.	
	ABO	LUO, MING "Structural Genomics of C. elegans", www.hwi.buffalo.edu/ACA/ACA02/abstracts/text/W0027.html (2002), (Abstract), 1 page.	

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Sheet	6	of	8	Attorney Docket Number	2960.54-3
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Complete If Known	
Application Number	10/026,362
Filing Date	December 21, 2001
First Named Inventor	Bernard Santarsiero et al.
Group Art Unit	1754
Examiner Name	Maribel Medina

46	ABP	LUFT, JOSEPH R. et al., "High Throughput Protein Crystallization: Keeping up with the Genomics", Abstract from the presentation given at Gordon Research Conference "Diffraction Methods in Molecular Biology", http://www.imca.aps.anl.gov/~ahoward/luft_ab.html (7/2000), 1 page.
	ABQ	LUFT, JOSEPH R. et al., "The development of high throughput methods for macromolecular microbatch crystallization", Hampton Research - RAMC 1999 Presentation Abstracts (1999), 1 page.
	ABR	MOCHALKIN, IGOR et al., "High-Throughput Structure Determination in an Informatics Environment", http://www.accelrys.com/webzine (8/1/02), 4 pages.
	ABS	MUELLER, UWE, et al., "Development of a Technology for Automation and Miniaturization of Protein Crystallization", J. Biotech. (2001), 85, pp. 7 -14.
	ABT	Meeting Summary: "NIGMS Protein Structure Initiative Meeting Summary 4-24-98", http://www.nigms.nih.gov/news/reports/protein_structure.html (4/24/98), 12 pages.
	ABU	Meeting Summary: "NIGMS Structural Genomics Targets Workshop February 11-12, 1999", http://www.nigms.nih.gov/news/meetings/structural_genomics_targets.html , 18 pages.
	ABV	NYARSIK, LAJOS. et al., "High Throughput Screening Station for Automated Protein Crystallization", (Abstract) (Estimated to be around 2002), 1 page.
	ABW	PAGE, REBECCA. et al., "Shotgun crystallization strategy for structural genomics: an optimized two-tiered crystallization screen against the Thermotoga maritima proteome"(2003), Acta Cryst., D59, pp.1028 - 1037.
	ABX	Report: "Physical Biosciences Division, particularly section "Protein Microcrystallization Robotic System" (1998), pp.14 - 17, http://www.nsd.lbl.gov/LBL-Publications/LDRD/1998/PB/index.html#jaklevic , 17 pages.
	ABY	PREUSS, PAUL, "The Crystal Robot", Berkeley Lab Research Review Summer 2000, http://www.lbl.gov/Science-Articles/Research-Review/Magazine/2000/Winter/features (2000), 3 pages.
	ABZ	Report: "Protein Microcrystallization and Structure Determination", http://www.-nsd.lbl.gov/LBL-Publications/LDRD/1999/PBD.html#Stevens (1999), 3 pages.
	ACA	Press Release: "RAMC 2001-Poster Abstracts", www.hamptonresearch.com/stuff/RAMC01PA.html (2001), 17 pages.
	ACB	RUPP, BERNARD, "High Throughput Protein Crystallization-EMBL Practical Course on Protein Expression, Purification, and Crystallization-August 14 - 20 th , 2000", EMBL Outstation Hamburg, Germany, http://www.structure.llnl.gov/Xray/tutorial/High_Throughput_EMBL_full.html (2000), 10 pages.
	ACC	SANCHEZ, ROBERTO et al., "Protein structure modeling for structural genomics", Nature Structural Biology, Structural Genomics Supplement (11/2000), pp. 986-990.
	ACD	SANTARSIERO, BERNARD et al., "An approach to rapid protein crystallization using nanodroplets" J. Appl. Cryst., 35 (2002), pp. 278 - 281.
	ACE	SANTARSIERO, BERNARD et al., "Protein Micro-Crystallization Robotics System", W0251: Protein Micro-Crystallization Robotics System, (Abstract for ACA99 meeting) http://www.hwt.buffalo.edu/ACA/ACA99/Abstracts/Text/W0251 (1999), 2 pages.

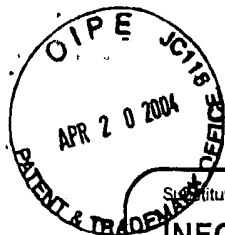
Examiner Signature	<i>Maribel Medina</i>	Date Considered	12/10/04
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Sheet 7 of 8

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Application Number	10/026,362
Filing Date	December 21, 2001
First Named Inventor	Bernard Santarsiero et al.
Group Art Unit	1754
Examiner Name	Maribel Medina
Attorney Docket Number	2960.54-3

✓	ACF	SARIDAKIS, EMMANUEL et al., "Improving protein crystal quality by decoupling nucleation and growth in vapor diffusion", Protein Sci. 9, (2000), pp. 755-757.	
✓	ACG	SCHUETZ, ANDREAS J. et al., "A Novel nano-pipetting system for the development of high quality BioChip arrays", http://www.tecan.com/la2000_nanopip.pdf (2000), 1 page.	
✓	ACH	SELBY, THOMAS L. et al., "Bioinformatics and High-Throughput Protein Production for Structural Genomics"(2002), Gene Cloning and Expression Technologies, pp.281 - 304.	
✓	ACI	SHAW STEWART, PATRICK, "Crystallization of a protein by microseeding after establishing its phase diagram", Research Report 1, www.douglas.co.uk/resrep.htm (8/1995), 7 pages.	
✓	ACJ	SHUMATE, CHRISTOPHER, " Low-volume (nanoliter) automated pipetting", Am. Biotechnol Lab. (1993), 11, page 14.	
✓	ACK	SNELL, E.H. et al., "Partial Improvement of Crystal Quality for Microgravity-Grown Apocrustacyanin C ₁ ", Acta. Cryst., D53 (1997), pp. 231-239.	
✓	ACL	STEVENS, RAYMOND C. et al., "Global Efforts in Structural Genomics", Science (10/5/01), 294, pp. 89-92.	
✓	ACM	STEVENS, RAYMOND C. "High-throughput protein crystallization" (Review), Current Opinion in Structural Biology (2000), 10, pp. 558-563.	
✓	ACN	STEVENS, RAYMOND C., "Design of high-throughput methods of protein production for structural biology", Structure, Vol. 8, No. 9, (2000), pp. R177-R185.	
✓	ACO	STEVENS, RAYMOND C., "Industrializing Structural Biology", Science, Vol. 293 (7/20/01), pp. 519-522.	
✓	ACP	STEVENS, RAYMOND C., "The cost and value of three-dimensional protein structure"(2003), Drug Discovery World, 4, pp.35 - 48.	
✓	ACQ	Webpage: "High-throughput Technology Publications", http://stevens.scripps.edu/webpage/hisb/htpubs.html (1/2004), 2 pages.	
✓	ACR	STEVENSON, ROBERT, "The World of Separation Science - Lab Automation '01: A Market Preparing For Transition?" (2001), 2 pages.	
✓	ACS	S7-Instrumentation - Instrumentation and techniques for crystallization (Oral Presentation), Nancy 2000 XIX European Crystallographic Meeting August 25 - 31, 2000, pp.1-3.	
✓	ACT	Press Release: "The Robot- X-ray Crystallography in Leiden", http://www.chem.leidenuniv.nl/bfsc/robot.html (3/2/2002), 2 pages.	
✓	ACU	Webpage: "The Society for Biomolecular Screening-7 th Annual Conference and Exhibition Poster Session 7 - Genomics, Proteomics and New Target Discovery", (2001), see #7014-7015, http://www.hwi.buffalo.edu , 5 pages.	

Examiner Signature	<i>Julene Hab</i>	Date Considered	12/10/04
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Attorney Docket Number	2960.54-3

✓	ACV	TISONE, T.C. et al., "The Role of Non Contact Microfluidics in High Throughput Protein Crystallization", (Abstract W0282 from ACA 2002 Meeting) http://www.hwi.buffalo.edu/ACA/ACA02/abstracts/text/W0282.html , 1 page.	
	ACW	VAN DER WOERD, MARK J. et al., "About Small Streams and Shiny Rocks: Macromolecular Crystal Growth in Microfluidics" (Abstract W0210 from ACA 2002 Meeting) http://www.hwi.buffalo.edu/ACA/ACA02/abstracts/text/W0210.html , 1 page.	
	ACX	VAN DER WOERD, MARK J., "Lab-on-a-Chip Based Protein Crystallization [P-66]". (Abstract) SmallTalk 2001 Association for Laboratory Automation Final Conference Program, San Diego, CA, (August 27-31, 2001), 2 pages.	
	ACY	Presentation: VAN DER WOERD, MARK J. et al., "Lab-on-a-Chip Based Protein Crystallization" (10/25/01), 27 pages.	
	ACZ	VILLASENOR, ARMANDO et al., "Fast Drops: A Speedy Approach to Setting Up Protein Crystallization Trials" (Abstract W0309 from ACA 2001 Meeting) http://www.hwi.buffalo.edu/ACA/ACA01/abstracts/text/W0309.html , 1 page.	
✓	ADA	WESELAKE, M. et al., "Robotics for Automated Crystal Formation and Analysis"(2003), Methods in Enzymology, 368, pp.45 -76.	
	ADB	Presentation: "Working Group on Biosciences" Chair: Graham Fleming, University of California, Berkeley, http://www-als.lbl.gov/als/workshops/scidirect/html/9BioSci/Word_Work_File_L_646 (1998), pp. 175-198.	

Examiner Signature	<i>Teresa Hale</i>	Date Considered	12/19/04
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(use as many sheets as necessary)		Sheet 1 of 1		Application Number	10/026,362
				Filing Date	December 21, 2001
				First Named Inventor	Bernard Santarsiero
				Group Art Unit	1754
				Examiner Name	Peter J. Lish
				Attorney Docket Number	UC-5001-C2

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date/ Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AA	US- 6,148,878B1	11-21-00	Ganz et al.	
	AB	US- 6,360,792B1	03-26-02	Ganz et al.	
	AC	US- 2003/0000597A1	01-02-03	Ganz et al.	
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Sheet 1 of 1

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Filing Date	December 21, 2001
First Named Inventor	Bernard Santarsiero
Group Art Unit	1754
Examiner Name	Peter J. Lish
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U.S. PATENT DOCUMENTS

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V6	AA	US- 2002/0110818A1	08-16-02	Santarsiero et al.	
	AB	US- 2002/0143153A1	10-03-02	Santarsiero et al.	
	AC	US- 2002/0155504A1	10-24-02	Santarsiero et al.	
	AD	US- 2002/0160426A1	10-31-02	Santarsiero et al.	
	AE	US- 2002/0173052A1	11-21-02	Santarsiero et al.	
	AF	US- 10/323,037	12/18/02	Santarsiero et al.	
	AG	US- 10/323,319	12/18/02	Santarsiero et al.	
	AH	US- 10/323,378	12/18/02	Santarsiero et al.	
	AI	US- 10/322,952	12/18/02	Santarsiero et al.	
	AJ	US- 10/323,849	12/18/02	Santarsiero et al.	
	AK	US- 10/323,054	12/18/02	Santarsiero et al.	
	AL	US- 10/324,022	12/18/02	Santarsiero et al.	
	AM	US- 10/334,336	12/31/02	Santarsiero et al.	
	AN	US- 10/334,396	12/31/02	Santarsiero et al.	

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Peter Lish

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Sheet 1 of 5

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Attorney Docket Number	2960.54-3

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YB	AA	ARAKALI, SHEELA V., EASLEY, SAMANTHA, LUFT, JOSEPH R. and DETITTA, GEORGE T., Time Courses of Equilibration for Ammonium Sulfate, Sodium Chloride and Magnesium Sulfate Heptahydrate in the Z/3 Crystallization Plate, Acta Cryst (1994), D50, pp. 472-478.	
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Examiner Signature	<i>Yelw</i>	Date Considered	12/10/04
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Sheet 2 of 5

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Application Number	10/026,362
Filing Date	December 21, 2001
First Named Inventor	Bernard D. Santarsiero et al.
Group Art Unit	1754
Examiner Name	
Attorney Docket Number	2960.54-3

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John Galt

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

✓	BC	LORBER, BERNARD and GIEGE, RICHARD, Containerless protein crystallization in floating drop application to crystal growth monitoring under reduced nucleation conditions, Journal of Crystal Growth (1996), Vol. 168, pp. 204-215.
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✓	BQ	PEARL, LAURENCE H., HEMMINGS, ANDREW M., NUCCI, ROBERTO and ROSSI, MOSE, Crystallization and Preliminary X-ray Analysis of the β -Galactosidase from the Extreme Thermophilic Archaeobacterium <i>Sulfolobus solfataricus</i> , J. Mol. Biol. (1993), Vol. 229, pp. 561-563.
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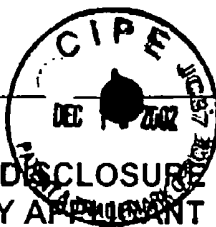
Examiner Signature	<i>Yelwe</i> <i>Arb</i>	Date Considered	12/10/04
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Sheet 4 of 5

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Y6	BS	PEARL, LAURENCE, O'HARA, BERNARD, DREW, ROBERT and WILSON, STUART, Crystal structure of AmiC: the controller of transcription antitermination in the amidase operon of <i>Pseudomonas aeruginosa</i> , EMBO Journal (1994), Vol. 13, No. 24, pp. 5810-5817.	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 5 of 5

Application Number	10/020,362
Filing Date	December 21, 2001
First Named Inventor	Bernard D. Santarsiero et al.
Group Art Unit	1754
Examiner Name	
Attorney Docket Number	2960.54-3

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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